

1. (Currently Amended) A method for operating a flue gas purification plant ~~(10) with having~~ at least one absorber chamber ~~(11), in which the method comprising:~~
simultaneously oxidizing CO and NO are simultaneously oxidized by means of
with a catalyst in a first absorber (15) according to the SCONOx principle, and absorbing
the resulting NO₂ is absorbed on the catalyst surface, and in which;
oxidizing SO₂ is furthermore oxidized by means of with a catalyst in a second
absorber (14) upstream of the first absorber (15) according to the SCOSOx principle, and
absorbing the resulting SO₃ is absorbed on the catalyst surface, in which method;
disconnecting the absorber chamber (11) is disconnected from the flue gas stream
in regularly repeating regeneration cycles, and regenerated by means of regenerating the
absorber chamber with a regeneration gas containing hydrogen, and/or hydrogen
compounds, or both;
wherein the two absorbers (14, 15) of the absorber chamber (11) being are
regenerated in succession and;
wherein regenerating comprises injecting regeneration gas being injected into the
absorber chamber between the two absorbers (14, 15), characterized in that; and
purging first the section of the absorber chamber (11) with the absorber to be
regenerated later is first purged with a purge gas before the start of the regeneration of
regenerating the absorber which is regenerated first.

2. (Currently Amended) The method as claimed in claim 1, ~~characterized in~~
~~that comprising:~~
using the regeneration gas is used as the purge gas.

3. (Currently Amended) The method as claimed in ~~one of claims 1 and~~
~~2~~Claim 1, characterized in that comprising:
regenerating the SCOSOx absorber (14) is regenerated first; and
regenerating the SCONOx absorber (15) is regenerated afterward after
regenerating the SCOSOx absorber.

4. (Currently Amended) The method as claimed in ~~one of claims 1 to 3~~Claim

~~1, characterized in that the wherein purging is carried out comprises purging~~ over a time period of several seconds, ~~in particular between 15 and 30 seconds.~~

5. (Currently Amended) The method as claimed in ~~one of claims 1 to 4~~Claim 1, characterized in that comprising:

disconnecting the absorber chamber (11) ~~is disconnected~~ from the flue gas stream by ~~means of closable closing~~ dampers (12, 13) at the input and output of the absorber chamber (11), in that;

controlling the purging ~~is controlled~~ by inlet and outlet valves (16, 17, 19, 29);
and in that

bringing the inlet and outlet valves (16, 17, 19, 29) ~~have already been brought into the a purging position necessary for the purging when before closing~~ the dampers (12, 13) ~~are closed.~~

6. (New) The method as claimed in Claim 5, wherein purging comprises purging over a time period of between 15 seconds and 30 seconds.